

DON CIP 101 - Maintaining Mission Assurance through Effective Critical Infrastructure Protection

By Don Reiter

In 1999, the Department of the Navy Chief Information Officer (DON CIO) assumed the collateral duties of the DON Critical Infrastructure Assurance Officer (CIAO) and has developed products and tools to support warfighter mission assurance.

Fielded in June 2004, a Web-based course on critical infrastructure protection (CIP) puts into action the education and outreach guidance of Secretary of the Navy Instruction (SECNAVINST) 3501.1 and recent homeland security directives.



Gulfport, Miss. (Sept. 1, 2005) – The family housing area onboard Naval Construction Battalion Center Gulfport, Miss., shows considerable damage from Hurricane Katrina. U.S. Navy photo.

The past hurricane season brought dramatic and tragic reminders that threats to DON assets come from acts of nature as well as terrorists. Hurricane Katrina was the most catastrophic in a series of devastating storms that severely damaged the southern U.S. coastal areas of Alabama, Florida, Louisiana, Mississippi and Texas.

But key elements of the DON CIP Program course can show you how to respond to and recover from any disruptive event. The Web-based course is available to Department personnel worldwide through Navy Knowledge Online (<http://www.nko.navy.mil>) and MarineNet (<http://www.marinenet.usmc.mil>). The CIP course is designed to prepare current and prospective commanders and their staffs for their CIP and mission assurance related responsibilities. The course was designed in close collaboration with Navy and Marine Corps subject matter experts.

In addition to providing guidance for establishing and executing response and recovery mechanisms, the course addresses actions that should be taken before and after response and recovery activities. Such actions include identifying assets critical to warfighter mission assurance, assessing their vulnerabilities (and associated risks) to disruptive events, remediating those

vulnerabilities to enable continuity of operations, and determining future reconstitution of damaged assets after response and recovery have been achieved. Assessing asset vulnerability risk, illustrated in Figure 1, is one of the steps covered in module three of the CIP Program course: "Reacting to Potential Threats."

Another course module addresses remediation. Its importance was illustrated by the Naval Mobile Construction Battalions in preparation for Hurricane Dennis. The preventative measures undertaken by the Seabees to protect the lives and property of residents were instrumental in avoiding further damage.

Throughout the course, specific case studies discuss the role of Navy and Marine Corps personnel in achieving an effective CIP posture. The multifaceted procedures of the Integrated Vulnerability Assessment are explained, with the resultant remediation and consequence management chain of events that may follow critical asset vulnerabilities identification. Interactive scenarios are presented in which students are asked to make decisions within the threat situations they could encounter. Immediate feedback is provided on whether the student made the correct decisions and why.

Each student also learns about the DON CIP initiative and the tools available to assist Department personnel maintain warfighter mission assurance. In addition to commanders and their staffs, the lesson suite, made up of four separate modules, is recommended for a wide range of DON personnel, including installation commanding officers; executive officers; senior public works and facilities officers; security officers; chief information officers; and regional commander staffs.

With its wealth of useful information and guidance, the DON CIP Program course can help protect DON personnel and assets against future threats in whatever form they may appear.

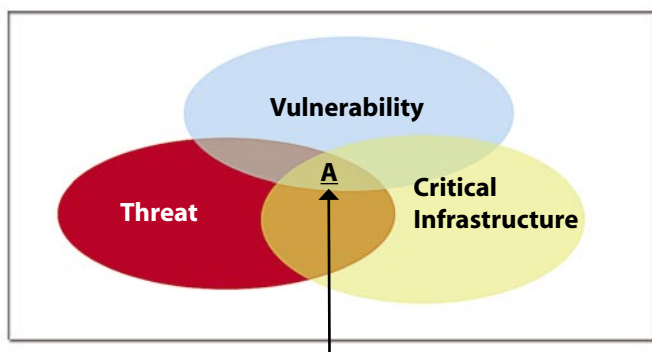


Figure 1. Once an asset's criticality and vulnerability are assessed, the risk posed by a specific threat can be assessed as illustrated above. Remediation/mitigation efforts to reduce or minimize impact should be focused in area A.

Gulfport, Miss. (July 8, 2005)
 – U.S. Navy Seabees set up
 a barrier to retain loose
 topsoil in preparation for
 the arrival of Hurricane
 Dennis onboard Naval Con-
 struction Battalion Center
 Gulfport. U.S. Navy photo
 by Photographer's Mate 1st
 Class Sean Mulligan.



TFNF Still Assisting Navy Families

By Lt. Enid Wilson, Task Force Navy Family

Nearly four months after Hurricane Katrina came ashore along the U.S. Gulf Coast, Task Force Navy Family (TFNF) continues to provide assistance to active-duty, Reserve, Department of the Navy (DON) civilians and retirees recovering from the hurricane's devastating effects.

In response to needs communicated through TFNF Command Liaison Officers from affected commands to TFNF headquarters, a series of briefs on the Federal Emergency Management Agency (FEMA), Small Business Administration, insurance law and bankruptcy were conducted Dec. 10–15 in New Orleans, Gulfport, Pascagoula and Pensacola by Navy Reservists who are attorneys in their civilian careers.

According to Judge Advocate General Cmdr. Kevin Whitmore, the purpose of the briefs was to arm Navy families with information. "Our hope is that people attending these briefs will leave here today empowered," Whitmore said.

During the Naval Construction Battalion Center Gulfport presentation, Whitmore recommended individuals dealing with insurance adjusters and claims "keep a disaster journal, including details, dates, times and names of what you've been told, and by whom."

"The Navy Legal Service Office (NLSO) in Gulfport is standing by to help," said Lt. Brett Bowlin, Officer in Charge of the NLSO in Gulfport. "Bring your checks or insurance contracts into the Naval Legal Service Office here on base, and if you have questions about it, we can look over it."

Navy families affected by hurricanes Katrina, Rita or Wilma can obtain immediate personnel-related assistance through the Navy's toll-free number, 877-414-5358, or obtain further information by visiting Task Force Navy Family Web site at www.navy.mil/tfnf.html.

Community Support Centers (CSC) are another resource for hurricane-impacted personnel and families. The CSC staff can provide one-on-one consultation, assistance with evacuation allowances, emergency assistance, military family hotlines, emotional support, school and community information, and all other appropriate assistance. For a complete list of contacts at CSCs, please visit the Task Force Navy Family Web site or call 800-372-5463.

Navy family members can also contact the Task Force Navy Family Ombudsman Resource Center for questions or referrals relating to any needs as a result of hurricanes Katrina, Rita or Wilma by calling 866-345-8179.

For related news, visit the Task Force Navy Family Navy News-Stand page at www.news.navy.mil/local/hurricane/. CHIPS

DON CIP Program Course consists of four sequential courses outlined below:

DON CIAO – 5862-1/Marine Corps DI5500 A: Beginning the CIP Process

Introduces CIP and the CIP Event Cycle with detailed information on the first phase: Analysis & Assessment. Lesson Goal: student will be able to identify:

- The main events in the evolution of CIP and the steps of the CIP Event Cycle
- The factors that determine mission critical assets
- The types of assets assessed in the CIP process
- The purpose and components of the Naval Integrated Vulnerability Assessment

DON CIAO – 5862-2/Marine Corps DI5500 B: CIP Remediation - Reducing Known Vulnerabilities

Explains the concept of remediation and takes the student through the remediation process. Lesson Goal: student will be able to:

- Identify the purpose of remediation
- Identify and apply the steps in the CIP remediation process

DON CIAO – 5862-3/Marine Corps DI5500 C: Reacting to Potential Threats

Discusses how to use the knowledge gained from mission critical assets to appropriately react to threat indications and warnings. Lesson Goal: student will know how to:

- Identify the elements of CIP Indications & Warnings
- Update a list of mission critical assets
- Identify the techniques used to mitigate the threat to mission critical assets
- Apply available resources to mitigate the threat to a mission critical asset

DON CIAO – 5862-4/Marine Corps DI5500 D: Consequence Management (CM) Planning

Describes the CM planning process and the specific plans required.

Lesson Goal: student will be able to determine whether a current and accurate CM plan exists, and will know how to:

- Identify the process used to create an integrated CM Plan
- Apply the steps in the CM Process to update an existing CM plan
- Identify the components of each of the four plans that make up a CM Plan

To access the DON CIP program courses:

1. Log in to NKO.
2. Click on the e-Learning link, which will take you automatically through one screen to the Welcome page for e-Learning.
3. Click on the link for the DON CIP Program in the "What's New Listing."

You can access MarineNet via NKO or directly. Eligibility information is verified against the Defense Enrollment Eligibility Reporting System (DEERS). If you are registered in the DEERS, you will likely have access to courses on MarineNet.

Don Reiter is the Lead for the Department of the Navy CIP Program. CHIPS